



UNITED STATES DEPARTMENT OF COMMERCE
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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.
08/731,754	10/18/96	OZAWA	P03-15.208

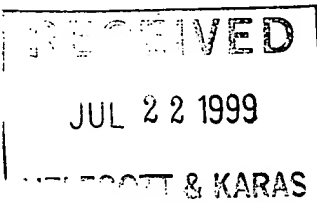
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NM21/0720

EXAMINER

ART UNIT PAPER NUMBER

2876



DATE MAILED: 07/20/99

20

Please find below and/or attached an Office communication concerning this application or proceeding.

Commissioner of Patents and Trademarks

Office Action Summary

Application No.

08/731,754

Applicant(s)

Ozawa et al.

Examiner

Thien Le

Group Art Unit

2876



☒ Responsive to communication(s) filed on 11/10/98; 11/20/98; 1/12/99

☐ This action is **FINAL**.

☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11; 453 O.G. 213.

A shortened statutory period for response to this action is set to expire 1 month(s), or thirty days, whichever is longer, from the mailing date of this communication. Failure to respond within the period for response will cause the application to become abandoned. (35 U.S.C. § 133). Extensions of time may be obtained under the provisions of 37 CFR 1.136(a).

Disposition of Claims

☒ Claim(s) 2, 4-18, 20, and 22-55 is/are pending in the application.

Of the above, claim(s) _____ is/are withdrawn from consideration.

☒ Claim(s) 2, 4-18, 20, and 22-55 is/are allowed.

☐ Claim(s) _____ is/are rejected.

☐ Claim(s) _____ is/are objected to.

☐ Claims _____ are subject to restriction or election requirement.

Application Papers

☐ See the attached Notice of Draftsperson's Patent Drawing Review, PTO-948.

☐ The drawing(s) filed on _____ is/are objected to by the Examiner.

☐ The proposed drawing correction, filed on _____ is ☐ approved ☐ disapproved.

☐ The specification is objected to by the Examiner.

☐ The oath or declaration is objected to by the Examiner.

Priority under 35 U.S.C. § 119

☐ Acknowledgement is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d).

☐ All ☐ Some* ☐ None of the CERTIFIED copies of the priority documents have been

☐ received.

☐ received in Application No. (Series Code/Serial Number) _____

☐ received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

*Certified copies not received: _____

☐ Acknowledgement is made of a claim for domestic priority under 35 U.S.C. § 119(e).

Attachment(s)

☐ Notice of References Cited, PTO-892

☒ Information Disclosure Statement(s), PTO-1449, Paper No(s). 6,11

☐ Interview Summary, PTO-413

☐ Notice of Draftsperson's Patent Drawing Review, PTO-948

☐ Notice of Informal Patent Application, PTO-152

--- SEE OFFICE ACTION ON THE FOLLOWING PAGES ---

Art Unit: 2514

DETAILED ACTION

1. The amendments filed on 11/10/98, 11/20/98 and 1/12/99 have been entered. Claims 2, 4-18, 20, 22-37 and 38-55 remain for examination.
2. The ribbon letter patent has been received and placed in the file. Though the amendments were timely filed, they have not been matched with file wrapper of the reissue applications until recently. The examiner regret for anytime delay and inconvenience that this may cause to applicants and applicant's representatives.
3. The amendments filed on 11/10/98, 11/20/98 and 1/12/99 are not fully responsive because it fails to include a complete or accurate amendments to the claims. Since the above mentioned reply appears to be *bona fide*, applicant is given a TIME PERIOD of **ONE (1) MONTH or THIRTY (30) DAYS** from the mailing date of this notice, whichever is longer, within which to supply the omission or correction in order to avoid abandonment. **EXTENSIONS OF THIS TIME LIMIT MAY BE GRANTED UNDER 37 CFR 1.136(a).**
4. The amendments mentioned above have been filed timely but are considered non-responsive for the following minor informalities. Corrections are respectfully required.

Original claims 2, 9, 18, 20, 27, 36 depend on newly added claims 38 and 39 respectively. Since the original claims must not be renumbered [37 CFR 1.121 (b)(2)] and since the claims

Art Unit: 2514

added to the patent must follow the number of the highest numbered patent claim [37 CFR 1.121 (b)(2)(i)(B)].

The original claims must be presented entirely. All subject matter being added to the original claims must be underlined. All subject matter being deleted from the original claims of the patent must be placed between brackets [37 CFR 1.121 (b)(2)(i)(C)]. Subject matter being added to a new claim requires rewriting (and underlining) of the entire new claim.

Each amendment submission must set forth the status of all patent claims and of all added claims (i.e. "pending" or "canceled") as of the date of the amendment [37 CFR 1.121 (b)(2)(ii)].

Each amendatory change, when first submitted, must be accompanied by an explanation of the support in the disclosure of the patent for the change (along with any additional comments) on page(s) separate from the page(s) containing the amendment [37 CFR 1.121 (b)(2)(iii)].

Allowable Subject Matter

5. Claims 2, 4-18, 20, and 22-55 are allowed.
6. The following is a statement of reasons for the indication of allowable subject matter:
The prior art fails to disclose the claimed card interface device having the claimed fist data interface, the second data interface, the data transfer circuit having the functions and configuration as recited collectively in claims 38, 39, 40, 41, 43, 44, 45, 46, 47, 49, 50, 51, 52, 54 and 55.

Art Unit: 2514

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Thien Le whose telephone number is (703) 305-3500. The examiner can normally be reached on Monday to Friday from 8:30 am to 4:30 pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Donald T. Hajec, can be reached on (703) 308-4075. The fax phone number for this Group is (703) 308-7723.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the Group receptionist whose telephone number is (703) 308-0956.



Thien Le
Primary Examiner
Art Unit 2514
June 22, 1999